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Message Text

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11
ACTION ACDA-10

INFO OCT-01 IO-13 ISO-00 AF-08 ARA-06 EA-07 EUR-12 NEA-10

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E.O. 11652: N/A
TAGS: PARM, TECH, IAEA
SUBJ: IAEA SAFEGUARDS TECHNICAL MANUAL

REF: A) STATE 016748; B) IAEA VIENNA 3952; C) STATE 128803

1. MISSION HAS RECENTLY OBTAINED, ON AN UNOFFICIAL BASIS, A COPY OF THE LATEST VERSION OF THE SEVERAL PARTS OF THE SAFEGUARDS TECHNICAL MANUAL (STM). OUR POSSESSION OF THESE DOCUMENTS SHOULD BE TREATED LOU. COPIES OF PARTS B, C, D AND F ARE BEING AIR POUCHED TO OES (KRATZER), ACDA (BORIGHT) AND ERDA (AMMONS). MISSION EXPECTS TO BE ABLE TO POUCH COPIES OF INTRODUCTION AND PART A IN ABOUT TWO WEEKS. FOLLOWING IS SUMMARY OF STATUS OF WORK ON STM.

2. PART A, SAFEGUARDS PRINCIPLES. THIS PART CONTAINS GENERAL PRESENTATIONS ON SAFEGUARDS OBJECTIVES AND PRINCIPLES AND DIVERSION STRATEGIES. ITS INTENT IS TO PROVIDE THE FOUNDATION ON WHICH THE REST OF THE STM IS BUILT AND ON WHICH SAFEGUARDS ARE IMPLEMENTED. DURING FEB 1976, THE IAEA SECRETARIAT PRODUCED REVISED DRAFT OF PART A USING MATERIAL AND INPUTS
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PROVIDED BY THE US DURING DISCUSSIONS IN JNAUARY. DURING JULY,

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AT REQUEST OF IG ROMETSCH, MISSION (HOUCK) WORKED WITH
LOPEZ-MENCHERO (SPAIN) TO PREPARE A NEW REVISION OF PART A.
IF ACCEPTED BY ROMETSCH, MISSION UNDERSTANDS ROMETSCH PLANS
TO GIVE IT INFORMAL DISTRIBUTION TO MEMBER STATES. PRINCIPLE
EFFORT OF MISSION IN PREPARING THIS LATEST REVISION WAS TO
BRING IT AS MUCH AS POSSIBLE INTO CONFORMITY WITH US VIEWS
ON IAEA SAFEGUARDS AS CONTAINED IN REFTELS.

3. PART B. NUCLEAR ACTIVITIES AND FACILITIES. THIS IS
DESCRIPTIVE AND IS INTENDED AS BACKGROUND MATERIAL FOR OTHER
PARTS OF THE MANUAL. MISSION HAS NOT WORKED ON THIS PART OF
MANUAL TO DATE BUT EXPECTS TO REVIEW IT DURING NEXT FEW WEEKS
AND PROVIDE IAEA WITH ANY GENERAL COMMENTS. MISSION UNDERSTANDS
ROMETSCH MAY DISTRIBUTE PART B TOGETHER WITH PART A.

4. PACT C. INSPECTIONS.THIS PART ELABORATES ON SAFEGUARDS
OBJECTIVES AND ON THE VERIFICATIONS ACTIVITIES REQUIRED TO
ACHIEVE THEM. IT CONTAINS A CHAPTER ON GENERAL PROCEDURES
AND CHAPTERS ON EACH PRINCIPAL TYPE OF NUCLEAR FACILITY.
THIS IS FUNDAMENTAL TO HOW SAFEGUARDS ARE TO BE CARRIED OUT.
US HAS GIVEN INPUTS TO IAEA DURING NOVEMBER 1975 AND JANUARY
1976. A BRIEF EXAMINATION OF THIS LATEST VERSION OF PART C
INDICATES FURTHER REVISION IS NEEDED. MISSION EXPECTS
TO REVIEW THIS PART IN DETAIL DURING SEPTEMBER AND PROVIDE
INPUTS TO THE IAEA FOR ITS REVISION.

5. PART D. EVALUATION OF THE INFORMATION. THIS PART PRESENTS
THE GENERAL PROCEDURES FOR EVALUATION OF SAFEGUARDS DATA
INCLUDING THE VARIOUS DECISION STRUCTURES. US PROVIDED INPUTS
FOR THIS PART DURING 1975 AND MISSION PLANS TO REVIEW THIS
DURING SEPTEMBER.

6. PART E. METHODS AND TECHNIQUES. THIS PART DESCRIBES
INDIVIDUAL MEASUREMENT AND OTHER TECHNIQUES TO BE USED BY
INSPECTORS. IT WAS PUBLISHED AND DISTRIBUTED BY THE IAEA DURING
1975. IAEA HAS INDICATED THAT THIS PART, AS WELL AS ALL OTHER
PARTS, ARE TO BE SUBJECT TO REGULAR REVIEW AND UPDATING, BUT
MISSION IS NOT AWARE OF ANY SPECIFIC PLANS FOR WORK ON PART E.

7. PART F. STATISTICAL CONCEPTS AND TECHNIQUES. THIS PART
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CONTAINS A GENERAL PRESENTATION WITH EXAMPLES OF THE STATISTICAL
CONCEPTS AND PROCEDURES TO BE USED IN THE PLANNING AND
EVALUATION OF SAFEGUARDS ACTIVITIES AND RESULTANT DATA. THE
US HAS PROVIDED CONSIDERABLE ASSISTANCE TO IAEA IN THE
PREPARATION OF THIS PART THROUGH ERDA AND ACDA CONTRACTS WITH
BATTELLE AND A REVIEW OF THIS LATEST VERSION IS DESIRED BY THE
IAEA. MISSION IS NOT PLANNING ANY WORK ON THIS PART IN VIEW
OF THE HIGHLY SPECIALIZED NATURE OF ITS CONTENTS.LABOWITZ

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